


In the backplate of the PDP according to the present invention, the lubricant thin film is formed on the surfaces of the backplate and the barrier ribs for uniformly coating the phosphor materials on the surfaces of the backplate and the barrier ribs. Therefore, the material of the lubricant thin film has a low friction coefficient. Namely, the material of the lubricant thin film has a relatively low friction coefficient lower than 0.06. For example, as the material of the same, there are DLN (Diamond-Like Nano-composite), DLC (Diamond-Like Carbon), MoS<sub>2</sub>, Teflon<sup>TM</sup> (polytetrafluoroethylene, hereinafter referred to as "Teflon" generally), etc. In addition, the lubricant thin film is capable of uniformly coating the phosphor material and effectively reflecting a back scattering light reflected from the phosphor material layer. Therefore, the lubricant thin film has a refractive index higher than 2.2.

**B. Clean Specification Changes**

The following are mark-ups to show changes made to paragraph(s) starting at page 9, line 15 and ending at page 9, line 25:

---



In the backplate of the PDP according to the present invention, the lubricant thin film is formed on the surfaces of the backplate and the barrier ribs for uniformly coating the phosphor materials on the surfaces of the backplate and the barrier ribs. Therefore, the material of the lubricant thin film has a low friction coefficient. Namely, the material of the lubricant thin film has a relatively low friction coefficient lower than 0.06. For example, as the material of the same, there are DLN (Diamond-Like Nano-composite), DLC (Diamond-Like Carbon), MoS<sub>2</sub>, Teflon<sup>TM</sup> (polytetrafluoroethylene, hereinafter referred to as "Teflon" generally), etc. In addition, the lubricant thin film is capable of uniformly coating the phosphor material and effectively reflecting a back scattering light reflected from the phosphor material layer. Therefore, the lubricant thin film has a refractive index higher than 2.2.

---